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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/613,031	07/07/2003	Toshio Fujiwara	503.35636CP3	9394
20457	7590	12/16/2004		
ANTONELLI, TERRY, STOUT & KRAUS, LLP 1300 NORTH SEVENTEENTH STREET SUITE 1800 ARLINGTON, VA 22209-9889			EXAMINER HARRISON, CHANTE E	
			ART UNIT	PAPER NUMBER
			2672	

DATE MAILED: 12/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/613,031

Applicant(s)

FUJIWARA ET AL.

Examiner

Chante Harrison

Art Unit

2672

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 07 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 7/7/03

- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Specification***

1. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

### ***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Thomas Wolzien, US 2003/0212996 A1, 11/2003.

As per independent claim 1, Wolzien discloses a map storage device for storing map data (Fig. 7 "612"; pp. 11, Pare 80); a map display for displaying said map by using said

map data (Fig. 4 "204"); **a retrieval condition setting device for setting up a retrieval condition** in order to display a retrieval result as an icon on said map display (i.e. specifying an address in a query that retrieves maps and associated data, such that icons may identify locations on a map) (pp. 10, Para 80; pp. 13, Para 103); a communication equipment for transmitting said retrieval condition to an information offering equipment, and for receiving position information of said map and facility information offered by facilities (pp. 11, Para 86; Fig. 5); an icon display for displaying said icon based on said facility information at a position on said map corresponding to said position information (pp. 13, Para 97 & 103); and a path retrieval device for setting a position as a goal position or a path through position corresponding to said icon selected and retrieving a course so as to display the same, when selecting said icon displayed on said icon display (pp. 10, Para 78).

As per independent claim 2, discloses a communication equipment for receiving information including position information of said icon which is retrieved according to said retrieval condition by said information offering equipment (pp. 1, Para 86; pp. 13, Para 103; Fig. 5); an icon retrieving device for retrieving information of said icon according to said retrieval condition from said map storage (pp. 3, Para 17); and an icon display for displaying said icon based on at least one of said shape information and said image data at a position on said map corresponding to said position information (pp. 9, Para 68; pp. 13, Para 103).

Wolzien fails to specifically disclose retrieving shape information of said icon according to said retrieval condition from said map storage device and for demanding said communication equipment to provide image data of said icon corresponding to said shape information of said icon, when said icon retrieving device may not retrieve said shape information from said map storage device.

Wolzien teaches retrieving icons that represent a symbol having a shape (i.e. an icon associated with McDonalds is in the shape of an M) (pp. 13, Para 103); and communication equipment providing image data of an icon (i.e. a display of a video image related to a destination provided by the communication equipment) (pp. 9, Para 68; Fig. 5).

It would have been obvious to one of skill in the art to incorporate retrieving shape information of an icon and providing image data of the icon when shape information is not available with the disclosure of Wolzien because providing additional content with displayed map data, where the content may be represented by icons having either a shape or an image related to the displayed map data enables the visual display of at least a shape or an image, in the absence of one or the other, of advertised information associated with the map.

The rationale as applied in the rejection of claim 1 applies herein.

As per dependent claims 3 and 4, Wolzien fails to disclose said retrieval condition comprises a central position of a retrieved area of said map.

Wolzien teaches displaying icons associated with a retrieved address, where the icons are within a radius of the user's location (pp. 13, Para 103).

It would have been obvious to one of skill in the art to incorporate the retrieval condition comprising a central position of a retrieved area of the map with the disclosure of Wolzien because the display of associated map data within a radius of a specified location results in the display of data centrally located relative to the specified position.

As per independent claim 5, Wolzien discloses transmitting said retrieval condition to an information offering equipment (i.e. access system extracts address to access online information provider) (pp. 2, Para 11; Fig. 5).

The rationale as applied in the rejection of claim 1 applies herein.

As per independent claim 6, Wolzien discloses setting range of retrieval domain as a retrieval condition (pp. 9, Para 74).

The rationale as applied in the rejection of claim 1 applies herein.

As per independent claim 7, Wolzien discloses; a communication equipment for receiving a retrieval command from said user (Fig. 5); wherein said communication equipment sends said retrieval result within said retrieval domain to said user (i.e. a map and associated data of facilities within a user selected geographical area is returned for display) (pp. 13, Para 103).

Wolzien fails to specifically disclose an authentication equipment for authenticating a user by receiving an access from said user.

Wolzien teaches user access of public or private networks of information providers to retrieve maps and associated data (pp. 5, Para 34).

It would have been obvious to one of skill in the art to incorporate authentication equipment for authenticating a user by receiving an access from said user with the disclosure of Wolzien because public and private networks that provide information via the Internet may employ user authentication to access provider information.

The rationale as applied in the rejection of claim 6 applies herein.

As per independent claim 8, the rationale applied in the rejections of claims 1 and 6 apply herein.

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chante Harrison whose telephone number is 703-305-3937. The examiner can normally be reached on Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mike Razavi can be reached on 703-305-4713. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Chante Harrison  
Examiner  
Art Unit 2672

Ceh  
December 9, 2004



MICHAEL RAZAVI  
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